

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	lancefield-timothy.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:08
L2	49	lancefield-timothy-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:08
L3	74	lechner-martin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:09
L4	6	lechner-martin-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:09
L5	2	hoffmann-hermann-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:09
L6	19	hoffmann-hermann.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:10
L7	0	methley-ian-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:10
L8	53	methley-ian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:11
L9	92	cam same profile same (curve or displacement) same (phas\$3 or adjust\$4) same lift\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:16
L10	2371	123/90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:13
L11	2251	123/90.16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:13

## EAST Search History

L12	152	123/90.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:13
L13	4223	123/90.15,90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:13
L14	7101	L10 or L11 or L12 or L13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:13
L15	45	L14 and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:13
L16	3	((cam near3 (two or other or another or second)) same profile same (curve or displacement) same lift\$3).clm.	US-PGPUB	OR	ON	2007/09/10 10:17
L17	16	((cam near3 (two or other or another or second)) same profile same lift\$3).clm.	US-PGPUB	OR	ON	2007/09/10 10:18
S1	19	hoffmann-hermann.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:10
S2	2	hoffmann-hermann-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:09
S3	1	lancefield-timothy.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:08
S4	45	lancefield-timothy-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:08
S5	69	lechner-martin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:08
S6	6	lechner-martin-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:04

## EAST Search History

S7	51	methley-ian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:11
S8	0	methley-ian-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 10:10
S9	21	"5052350"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:06
S10	48	"4768475"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:07
S11	1	de-19733322-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:07
S12	2	de-19802738-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:07
S13	2	de-19600536-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:08
S14	1	de-2638651-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:08
S15	1	de-3006619-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:08
S16	1	de-19501386-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:09
S17	0	wo-0031385-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:09
S18	0	wo-031385-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:09

## EAST Search History

S19	0	wo-31385-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:09
S20	1	wo-200031385-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:10
S21	2	wo-2004067922-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:12
S22	2	gb-2180597-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:13
S23	2	ep-472430-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:13
S24	2	jp-2002371817-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:14
S25	2	jp-2002309918-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:14
S26	2	jp-2003120241-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:16
S27	2331	123/90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:16
S28	2198	123/90.16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:17
S29	148	123/90.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:17
S30	4140	123/90.15,90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:17

## EAST Search History

S31	278	S27 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:17
S32	89	S31 and (second near2 cam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:19
S33	21	S27 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:20
S34	46	S28 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:20
S35	27	S30 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:21
S36	6972	S27 or S28 or S29 or S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:21
S37	127	(two or second) adj cam same profile same (phas\$3 or shift\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:33
S38	34	S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:22
S39	23	("1885796"   "3313280"   "3888216"   "4138973"   "4459946"   "4535733"   "4714057"   "5052350"   "5113813"   "5178105").PN. OR ("5555860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 19:28
S40	5	"5642692"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/24 19:29
S41	18	((two or second) same cam same profile same (phas\$3 or shift\$3)). clm.	US-PGPUB	OR	ON	2007/06/24 19:34